

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES UPGRADING THE EXISTING SIGNAL HEADS TO LED AT THE INTERSECTION OF MD 213 AND MD 279 IN CECIL COUNTY MARYLAND.

II. INTERSECTION OPERATION

THE INTERSECTION WILL OPERATE IN A NEMA EIGHT (8) PHASE SEMI-ACTUATED MODE. THE MD 279 MOVEMENTS WILL OPERATE CONCURRENTLY WITH CONCURRENT PEDESTRIAN MOVEMENTS ACROSS THE SOUTH LEG OF THE INTERSECTION. MD 213 MOVEMENTS WILL OPERATE CONCURRENTLY WITH ACTUATED PEDESTRIAN MOVEMENT ACROSS THE WEST LEG OF THE INTERSECTION.

III. SPECIAL NOTES

1. THE FOLLOWING CONTACT PERSONS FOR DISTRICT #2 ARE AS FOLLOWS:

PROJECT CONTACTS:

MR. ROBERT KIEL
ASSISTANT DISTRICT ENGINEER
TRAFFIC
PHONE: (410) 810-3240

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF
TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7631

MR. TERRY WRIGHT
ASSISTANT DISTRICT ENGINEER
MAINTENANCE
PHONE: (410) 810-3250

MR. ED RODENHIZER
CHIEF - SIGNAL SHOP
PHONE: (410) 787-7650

MR. BARRY CLOTHIER
UTILITY ENGINEER
PHONE: (410) 810-3275

2. MAINTENANCE OF TRAFFIC CONTROL WILL BE HANDLED BY THE CONTRACTOR FOLLOWING THE STANDARD PLATES FOR TRAFFIC CONTROL:

EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

QUANTITY	UNIT	DESCRIPTION
5	EA	3 SECTION LED SIGNAL HEAD
4	EA	5 SECTION LED SIGNAL HEAD
4	EA	5 SECTION 8"x12" LED SIGNAL HEAD
1	LS	MOT, LABOR AND EQUIPMENT

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

NONE

C. MATERIALS TO BE REMOVED BY THE CONTRACTOR

ALL MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14-15	16-17	
Phase 1 & 5	←G-/R	←G-/R	R	←G-/R	←G-/R	R	R	R	R	R	R	R	R	DW	DW	
1 & 5 Change	The Controller May Skip to Phases 1 & 6 or 2 & 5 or 2 & 6															
Phase 1 & 6	R	R	R	←G-/G	←G-/G	G	G	R	R	R	R	R	R	DW	DW	
1 Change	R	R	R	←Y-/G	←Y-/G	G	G	R	R	R	R	R	R	DW	DW	
Phase 2 & 5	←G-/G	←G-/G	G	R	R	R	R	R	R	R	R	R	R	DW	DW	
5 Change	←Y-/G	←Y-/G	G	R	R	R	R	R	R	R	R	R	R	DW	DW	
Phase 2 & 6	G	G	G	G	G	G	G	R	R	R	R	R	R	WK	DW	
Ped. Clear	G	G	G	G	G	G	G	R	R	R	R	R	R	FL/DW	DW	
2 & 6 Change	Y	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	DW	DW	
Phase 3 & 7	R	R	R	R	R	R	R	←G-/R	←G-/R	R	←G-/R	←G-/R	R	DW	DW	
3 & 7 Change	The Controller May Skip to Phases 1 & 6 or 2 & 5 or 2 & 6															
Phase 3 & 8	R	R	R	R	R	R	R	R	R	R	←G-/G	←G-/G	G	DW	DW	
3 Change	R	R	R	R	R	R	R	R	R	R	←Y-/G	←Y-/G	G	DW	DW	
Phase 4 & 7	R	R	R	R	R	R	R	←G-/G	←G-/G	G	R	R	R	DW	DW	
7 Change	R	R	R	R	R	R	R	←Y-/G	←Y-/G	G	R	R	R	DW	DW	
Phase 4 & 8	R	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	
4 & 8 Change	R	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW	
4 & 8 Alt.	R	R	R	R	R	R	R	G	G	G	G	G	G	DW	WK	
Ped. Clear	R	R	R	R	R	R	R	G	G	G	G	G	G	DW	FL/DW	
4 & 8 Alt. Change	R	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW	
Flashing Operation	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	
FIRE HOUSE PRE-EMPTION																
Pre-Emption Phase 2	R	R	R	←G-/G	←G-/G	G	G	R	R	R	R	R	R	DW	DW	
Pre-Emption Clearance	R	R	R	←Y-/G	←Y-/G	G	G	R	R	R	R	R	R	DW	DW	
Phase 2 & 6 Normal Operation	G	G	G	G	G	G	G	R	R	R	R	R	R	DW	DW	



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 279 AND MD 213
TRAFFIC SIGNAL MODIFICATION

GENERAL INFORMATION SHEET

SCALE 1" = 20' ADVERTISED DATE CONTRACT NO. SF-SIGNAL SHOP

DESIGNED BY M. FUKUI COUNTY CECIL
DRAWN BY M. FUKUI LOGMILE 207021319.94
CHECKED BY TIMS NO. J353
F.A.P. NO. TOD NO.

TS NO. 274 H DRAWING SG OF SHEET NO. 2 OF 2